

Special Issue

Feature Papers for Drones in Agriculture and Forestry Section

Message from the Guest Editor

This Special Issue welcomes high-quality papers from the latest research and application results related to the use of drones in agriculture and forestry.

- Personal remote sensing (PRS);
- Smart farming (crops, dairy, grazing, etc.);
- Site-specific management (SSM) of water, pesticide, fertilizer, etc.;
- Integrated pest management (IPM);
- Phenotyping;
- Yield prediction;
- Environmental emissions (GHG, dust, etc.);
- Water-saving agriculture, irrigation management;
- Applications (crop dusting, seeding, etc.);
- Soil moisture, soil health, soil variability, and carbon-negative practices;
- Smart sensing and smart big data analytics.
- Forest fire sensing and management;
- Precision forestry and forestry management;
- Forest mapping and biodiversity;
- Mapping of canopy distribution and gaps;
- Capturing forestry informatics (biomass, stockpile, fuel load, etc.);
- 3D mapping for carbon storage;
- Tree planting and reforestation with drones;
- Applications (surface fertilizer, growth stimulant, pesticides, etc.);
- Monitoring illegal logging and quarrying (forest security);
- Combating deforestation and desert forestation dynamics;
- Smart sensing and smart big data analytics.

Guest Editor

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Deadline for manuscript submissions

closed (15 March 2024)



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About the Journal

Message from the Editor-in-Chief

Drones is an international open access journal focusing on advancing research in drone science, policy, technology, and applications. Today, drones have become indispensable for policymakers, regulatory authorities, mapping agencies, start-ups, and established firms. Their expanding societal and economic relevance is reflected in the rapid development of new sensors, upgraded platforms, specialized software, and novel applications. The journal provides a central forum for scholars in drone research and applications to exchange findings and innovations. With growing demand for high-quality research, our Editorial Board comprises international leaders and experts across relevant scientific areas. We offer rigorous peer review and rapid publication of papers from across all areas of drone science. We welcome you to submit your next paper to *Drones* and to contribute to the continued advancement of and innovations in the field of drones.

Editor-in-Chief

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